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CLACTON URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the

Medical Officer of Health

for 1954

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Clacton Urban District Council

KIBRARY

Jublic Health Department,

Clacton-on-Journ Hall,

15th November 1955.

Sir, Dear

W.A. Bullough.
M.SC., M.B. D.P.H.

W.A.

Clacton U.D.C. 1954. Annual Report Medical Officer

if you would amend (printer's should be extremely obliged if the above report as follows:-I s errors)

Deaths. Second paragraph, 8 should read 9.8. (၀) 101 Page

line.

last

read:-Lines 11, 12, 13, and 14 should Page 28.

12 14 Lilley Farm, Holland Road. Oakwood Hall, Holland Main Road. 106b Burrs Road. Brookers Farm, London Road.

1 1 1 1

0101

1949. Pests Act. Prevention of Damage by

Total Other Premises All

7 should read. in the Area, line Properties

10,582

33 only, infestations by mice line 14 should read. Minor

treated, should read, Infested premises line 15

464

Yours faithfully,

Bullough. W.A.

Medical Officer of Health.

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Vice-Chairman

Mr. N. W. HARDGRAVE

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- S. HODGKINSON, M.S.I.A., M.R.San.I., Cert. R.S.I. and S.I.E.Jt.Bd., Cert. R.S.I. Meat and Foods, Cert. R.S.I. in Sanitary Science as applied to Buildings and Public Works, Cert. R.S.I. Smoke Inspector Chief Sanitary Inspector and Cleansing Officer
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Senior Clerk

Junior Clerk

Junior Clerk

CLACTON URBAN DISTRICT COUNCIL

Public Health Department Town Hall

> CLACTON-ON-SEA July, 1955

To the Chairman and Members of the Clacton Urban District Council

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my Annual Report for the year 1954 which deals with the health and sanitary circumstances of the district.

The details of the work of the department are given in the various sections of the report and I give here a few general comments on points of interest, some of which are dealt with in more detail subsequently.

Birth Rate

The fall in the total number of births has depressed the birth rate for the year to the lowest figure recorded during the past 60 years. This downward trend, evident since the peak years following the last war, is a cause for concern, and were it to persist on a national scale, problems relating to man power shortage and the support of an ageing community would become more acute as fewer mothers produce fewer children for ensuing generations. It appears that State inducements in this respect are not fully succeeding in their aims and may need revision if present trends are to be arrested.

Hospitals

The position with regard to hospital accommodation for maternity patients has eased considerably, due to the fall in the total number of births, and the provision of the Clacton and District Maternity Hospital which has accommodation for 16 patients. Mothers can now, for the most part, choose for themselves whether to have a hospital or a domiciliary confinement.

Institutional accommodation for the aged and chronic sick continues to lag behind the demand, but the gap is closing, and we experienced less difficulty than formerly in obtaining accommodation for necessitous cases. There exists an excellent liaison between us and the officers of the chronic hospitals and institutions which serve the area. The greatest shortage exists in the provision of institutional care for mental defectives, particularly of the grosser types. The lack of accommodation is such that there is little or no hope of finding accommodation for even the most

necessitous cases. This is a position that must be rectified despite the limited resources of the Regional Hospital Board.

Day occupation centres for suitable mentally deficient patients are slowly being provided throughout the country, and it is hoped that Clacton will benefit in this respect before the end of 1955.

Infectious Disease

The number of cases of infectious diseases notified shows a marked decrease on the previous year due to the fact that the District was almost free from measles, epidemics of which regularly occur in alternate years.

The incidence of Poliomyelitis was low in the country as a whole but was prevalent in North East Essex. Seven cases occurred in this

district.

Food Hygiene

A number of specimens of artificial cream-filled and other confectionery, obtained during the summer months from local bakeries and cake shops, were submitted for bacteriological examination to the Public Health Laboratory at Ipswich. Some of the reports received were far from satisfactory in that germs which can cause disease in man were found to be present in a proportion of the cakes. The origin of these germs for the most part appears to be from septic skin conditions and faces of food handlers.

Artificial cream must be treated with the greatest care if contamination is to be avoided, and should be entirely untouched by hand at all stages. Heavy seasonal demands necessitate the employment of what casual labour there is, which no doubt leads to some laxity in the hygienic preparation and handling of food, but unless all food handlers are prepared to learn, understand and implement the principles of clean food preparation, and where necessary to adopt safer techniques, satisfactory standards in this respect will not be attained. Some Health Authorities abroad forbid the sale of such confectionery during the summer months because of its propensity to harbour disease bearing germs.

There is constant need for propaganda to secure clean and safe food, and the Sanitary Inspector is the key advisor on methods. He is in daily contact with food premises and he is constantly explaining and teaching the reasons why we exhort persons to "now wash your hands." To know why we advise this is of paramount importance, as posters alone are of little value if not backed by an understanding of the reasons for personal cleanliness.

The extent and importance of the catering industry in this town prompted the Council to apply to become its own Food and Drugs

Authority in lieu of the Essex County Council; an administrative power that would unify control and assist in maintaining the highest standards of food hygiene. To the disappointment of the Council and its officers, the application which was strongly opposed by the County Council, was refused by the Minister. I hope this matter may be reconsidered on another occasion.

Jaywick

Few will deny that perilously sited Jaywick with its conglomeration of huddled huts which house approximately 5,000 alternating holiday visitors, its inadequate highways, an archaic system of sanitation and paucity of water supply, presents the Council with a challenging problem not easy of solution.

The conditions which prevail are largely due to the unfortunate circumstances of the growth of the area, but the unregulated development which has brought about much of the present confusion was entirely outside the control of the Clacton Council.

The present situation has given rise to much discussion in the Council Chamber, but despite consultation with the owners' representatives, the County Council, and Whitehall, a worthy solution has not yet been found.

Various problems present themselves in this area, the first of which concerns sea defence. Unfortunately the official defences swing behind much of the property sited here and to overcome this vulnerability the property owners constructed a wall, continuous with the official wall, which proved its worth on the night of 31st January, 1953, by withstanding the unprecedented fury of the sea, and was not to blame for the great havoc and loss of life from drowning which occurred on that occasion.

Were a public body to assume responsibility for the sea defences in the area I feel that the Clacton Council would be less chary of spending large sums of public money, and not only might consider making drainage available but could, with the goodwill and help of other major authorities, more confidently consider the much bigger aspect of replanning the entire area.

In presenting this report, I wish to thank the Council for their support, and also to express my appreciation for the help and co-operation received from the various officers and their departments of the Council, and particularly to the Chief Sanitary Inspector who has compiled section C of this report, and the Public Health Staff.

l am,

Your obedient Servant.

F. GROARKE,

Medical Officer of Health

STATISTICAL MEMORANDUM

Urban District		Urb	an :	District	of	Clacton
Area in acres					•	6,470
Population:						
1951 Census	•		•			24,065
1954 Registrar General's estimate					•	24,100
Density of Population per acre			٠	•	٠	3.12
Rateable Value			٠			£300,386
Sum represented by a penny rate .						
Number of inhabited houses .		٠				
Total Live Births						
Birth Rate		•		•		9.6
Birth Rate corrected						
Birth Rate (England & Wales) .				•	٠	15.2
Total Still Births						
Still Birth Rate			•	•		33.3
Still Birth Rate (England & Wales)	•	•				
Total Deaths						
Death Rate (crude)						
Death Rate (corrected)						
Death Rate (England & Wales) .						11.3
Deaths of Infants under 1 year of age		•		•	٠	3
Infant Mortality Rate		•	•	•		12.9
Infant Mortality Rate (England & Wa	ales)			•		25.5
Number of Illegitimate Births .	٠		•		٠	
Percentage of Total Births				٠	٠	7.3
Deaths from Diarrhoea (under 2 year	s of	age)	٠	•	٠	Nil
Cancer Deaths					•	70
Tuberculosis Deaths	•	•	•	•	٠	2

SECTION A

VITAL STATISTICS

(a) Live Births					Male	Female	Total
Legitimate	•				95	120	215
Illegitimate	•	٠		•			
TOTALS		•	•	•	102	130	232

Birth Rate 9.6 per 1,000 population Percentage of Illegitimate Births 7.3%

232 babies were born during the year, which is 27 less than the total for the previous year, and 128 less than the number of deaths. This number of live births gives a birth rate for the district of 9.6 per 1,000 population. This is the lowest rate since our records began in 1891. There is undoubtedly a lesser proportion of women of child bearing age in our community than for the country as a whole, but in allowing for this inequality in age groups by using the comparability factor, the corrected rate of 11.8 is still considerably lower than the national figure.

(b) Still Births

8 still births occurred during the year, in a total of 240 births. This

number gives a still birth rate of 33.3 per 1,000 total births.

Babies born dead after the seventh month of pregnancy are termed still births. Many such births are inevitable in that the foetus lacks organs vital to life and so cannot survive birth. It is generally accepted that a figure lower than 20 still births per 1,000 total births cannot be expected, but a high figure possibly indicates that the mothers in a district had not received adequate skilled care during their pregnancy and child birth. Such care is essential to ensure that as many pregnancies as possible are successfully fulfilled and to safeguard the health of the mother. Few mothers die nowadays as a result of pregnancy and child birth, but many still suffer from chronic ill health as a consequence.

(c) Deaths

The total number of deaths registered during the year as belonging to the Urban District was 360 (182 male and 178 female). This is equal to a death rate of 14.9 per 1,000 population compared with a rate of 15.2 for the previous year.

This high rate is due to the greater proportion of elderly persons in this district, but by correcting this inequality in age groups by the use of the comparability factor of 0.66, we get a corrected death rate of

8 which compares very favourably with the national figure.

Of the 360 deaths, the number over the age of 65 years totalled 277 giving a percentage of 76.9%.

The causes of death are given in Table II.

(d) Infant Mortality Rate

There were 3 deaths (3 Legitimate) of children under 1 year of age. The infant mortality rate, based on the number of live births registered in the year, i.e., 232, is equivalent to a rate of 12.9 per 1,000 births. This is a commendably low figure.

The number of deaths of children under 1 year of age since 1930:—

Humber	Or .					•		
1930				6	1942			7
1931				8	1943			1
1932				10	1944		•	10
1933	•			8	1945			11
1934	•	•		6	1946			9
1935	•	•		12	1947			11
1936	•	•		15	1948			7
1930	•	•	•	10	1949			7
1937	٠	•	•	13	1950			7
	•	•		14	1951			6
1939	•	•	•	5	1952			3
1940	•	•	•	9	1953			6
1941	•	٠	•	7	1954	•		3
					1754	•		

(e) Among the principle causes of death are the following:

the billiciple causes of di	Cutii	ui c			~
Pulmonary Tuberculosis	•	•	•	•	12
Pneumonia		•	٠		4.4
Bronchitis		•		•	11
Influenza	•	•	٠	•	70
Cancer		•	•	•	49
Intracranial Vascular Les	ions	•	•	•	55
Heart Disease	•	•	•	•	74
Coronary Artery Disease		•	•	•	/4

TABLE I

DEATHS AT VARIOUS AGES DURING 1954

							3
Under 1 year	•		•	•	•	•	1
1 and under	2	years		•	•		ı
2 and under	5	years	•	•	•	•	2
5 and under	15	years		•	•	•	1
15 and under	25	years	•			•	2
25 and under	35	years	٠	•	•	٠	3
35 and under	45	years					8
45 and under	r 55	years		•			61
55 and under	r 65	years			•	•	
65 and under	r 75	years	•		٠	•	161
75 and upwa	ırds		•	•	•	•	101
•							

TOTAL 360

TABLE II

CAUSES OF DEATH DURING 1954 (R.G.)

	Male	Female	Total
Pulmonary Tuberculosis	1	1	2
Syphilitic disease	1		1
Cancer	30	40	70
Leukaemia	ad-affection.	1	1
Diabetes	2	night copping	2
Vascular lesions of nervous system .	22	27	49
Heart Disease	63	66	129
Other Circulatory diseases	9	13	22
Influenza	1	and the same of th	1
Pneumonia	9	3	12
Bronchitis	9	2	11
Other diseases of respiratory system	2	2	4
Ulcer of Stomach and Duodenum.	4	1	5
Gastritis, Enteritis and Diarrhoea		1	1
Nephritis and Nephrosis	2	2	4
Hyperp'asia of Prostrate.	4	-	4
Congenital Malformations	401/71001	1	i
Other defined and ill-defined diseases .	17	12	29
Motor Vehicle Accidents	administra	eleffilm.	
All other accidents	3	5	8
Suicide	3	1	4
		arrest and a second	
All causes	182	178	360

TABLE III

INFANTILE DEATHS

The following table shows the causes of, and the ages at death of the three infantile deaths registered:

Pneumonia	Under 1 day —	l day to l week	1 to 2 months 1	Total 1
(accidental)	-	dimens.	1	1
TOTALS	et-großerhage	1	2	3

SECTION B

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

(a) Staffing

(i) The Medical Officer of Health holds the following appointments:

Medical Officer of Health to the Urban Districts of Clacton,
Brightlingsea, Frinton and Walton, and to the Rural District of
Tendring.

Assistant County Medical Officer and School Medical Officer

to the Essex County Council.

(ii) Three sanitary inspectors are employed by the Council, a summary of whose work will be found in Section C of this report. In common with other seaside towns we find difficulty in coping with the additional work during the holiday season.

(b) Laboratory Facilities

Pathological specimens are examined at the Laboratory, Essex

County Hospital, Colchester.

Samples of water, sewerage, etc.. for chemical analysis are sent to the Counties Public Health Laboratories. 66 Victoria Street. London, S.W.1.

The bacteriological examination of water supplies, milk, ice cream,

etc., is carried out at the Public Health Laboratory, Ipswich.

(c) Health Services provided by the Essex County Council

(i) Nursing in the Home

(ii) Midwives

- (iii) Health Visitors
- (iv) Home Helps
- (v) Immunisation

(vi) Clinics

(vii) School Medical Service

(viii) Ambulance Service

MATERNITY AND CHILD WELFARE:

The main Clinic is provided at the Clinic premises, Skelmersdale Road, Clacton. This Clinic is centrally situated and there are two sessions each week:

Thursday morning, 10 a.m. to 12 noon Thursday afternoon, 2 p.m. to 4 p.m.

The Maternity and Child Welfare Medical Officer is in attendance Thursday afternoons.

In addition to the Central Clinic, smaller subsidiary Clinics are held

at Holland-on-Sea and Jaywick.

Diphtheria and Whooping Cough Immunisations are carried out at the Clinic, Skelmersdale Road, Clacton, on the first Monday in the month at 10 a.m.

MINOR AILMENTS CLINIC:

School children attend the Clinic, Skelmersdale Road, Clacton.

WOMEN'S WELFARE CLINIC:

Women residing in the Urban District can attend the premises in Skelmersdale Road, Clacton.

ANTE-NATAL AND POST-NATAL CLINICS:

These are held at the Clinic, Skelmersdale Road, Clacton.

DENTAL CLINIC:

Weekly at Skelmersdale Road, Clacton.

(d) Health Services provided by the Regional Hospital Board

(i) OPTHALMIC, ORTHOPAEDIC AND PSYCHIATRIC CLINICS:

These are held at the Clinic, Skelmersdale Road, Clacton, by appointment.

(ii) Tuberculosis:

A chest Clinic is held at No. 2 Shewell Road, Colchester, daily, and on Friday mornings at the Essex County Health Services Clinic, Skelmersdale Road, Clacton.

(iii) VENEREAL DISEASE:

Facilities are provided at the Essex County Hospital, Colchester, and at Harwich.

(iv) Hospitals for the Chronic Sick:
Heath Hospital, Tendring.
St. Mary's Hospital, Colchester.

(v) Hospital for Infectious Diseases:
Myland Hospital, Colchester.

(vi) MATERNITY:

Clacton and District Maternity Hospital, Skelmersdale Road, Clacton.

Maternity Hospital, Lexden Road, Colchester.

(vii) GENERAL:

Clacton Hospital.

NATIONAL ASSISTANCE ACT, 1948

NATIONAL ASSISTANCE (AMENDMENT) ACT. 1951

Under the provisions of these Acts the Council, through its Medical Officer, is empowered to seek the removal of necessitous cases to a hospital or institution.

One person was removed to hospital during the year under these Acts; an old lady aged 86 years who suffered from a spinal deformity, rheumatism, and senile mental deterioration. She lived alone in squalid and insanitary conditions, and persistently refused help from relatives, neighbours, and the Health Service.

Arrangements were made informally, for the admission to hospital or institutions of a further eleven aged persons who were found to be suffering from ill-health, and no longer able to cope with the work of

running their homes.

In other cases, Home Helps were provided to help the old people, and in one case, relatives were found who were willing to provide accommodation and the necessary care.

PREVENTION AND CONTROL OF INFECTIOUS AND OTHER DISEASES

Disagra			Т	otal cases notified	Cases admitted	Total deaths
Disease					to Hospital	ucatiis
Scarlet Fever.				22	11	_
Poliomyelitis				7	7	
Dysentery .				2	1	
Erysipelas .				1	1	
Puerperal Pyrexia				2	1	
Pneumonia .				1		
Measles				10	unitage	
Whooping Cough				29	1	
Hepatitis .				18	1	_
	T	OTA	LS	92	23	

Whooping Cough and Diphtheria Immunisation

Whooping Cough was the most prevalent notifiable disease during the year, accounting for 29 cases. This disease is a menacing one, particularly for very young children, and commonly gives rise to serious lung damage. Children can now be almost fully protected from the ravages of this disease by immunisation, and mothers should avail themselves of this service which can be obtained from the family doctor or the nearest infant welfare clinic.

The age groups at the time of onset of this disease were as follows:

Age				Num	ber of	Cases
0-1 years					1	
1-2 ,,			•	•	5	
2–3 .,		•	•	•	3	
3–4 ,,			•		1	
4–5 ,,				•	3	
5–10 ,,	•	٠	•	•	13	
10 or over			•		3	

During the year 139 infants received the primary diphtheria immunisation course at the infant welfare clinics, and a further 56 received a boosting dose. Similarly 57 infants were protected against whooping cough. Family doctors immunised an additional 91 children against diphtheria and whooping cough.

Poliomyelitis

Seven cases of this disease were notified during the year affecting 4 children and 3 adults aged respectively 6, 8, 8, 9½, 16, 24, 24. In all cases the disease was mild and full recovery was eventually made.

It is heartening to read of the rapid progress being made, particularly in the U.S.A., in the development of preventive measures by means

of prophylactics.

Scarlet Fever

22 cases of this disease were notified. Scarlet Fever has, over the years, become a relatively mild infection and does not normally give rise to the many serious complications to which the sufferer was once prone. Patients and contacts should be free from symptoms, and nose and throat swabs should be negative before being permitted to return to school, or to certain occupations.

Infective Hepatitis

This disease was prevalent in this and surrounding districts during the year. The disease is caused by a virus which causes inflammation of the liver. Fortunately most infections are benign but convalescence may be prolonged. While the disease is most commonly spread by close contact with an early case, affected persons commonly excrete the virus in the faeces for months after recovery. Therefore, good standards of community sanitation and personal hygiene are essential preventive measures.

Cancer

70 deaths were caused by this disease giving a rate per thousand of the population of 2.9. Cancer death rates for Clacton since 1920 (per 1,000 population):

1920 1.4 1932 1.3 1944 2.1 1921 0.8 1933 1.7 1945 2.3 1922 1.9 1934 1.1 1946 3.1 1923 1.9 1935 2.1 1947 2.7 1924 1.3 1936 1.5 1948 2.0 1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9 1931 1.9 1943 3.2	Cancer death rates I	or Clacton	since 1920 (per 1,000	population
1921 0.8 1933 1.7 1945 2.3 1922 1.9 1934 1.1 1946 3.1 1923 1.9 1935 2.1 1947 2.7 1924 1.3 1936 1.5 1948 2.0 1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9	1920 1.4	1932 .	. 1.3	1944	2.1
1922 1.9 1934 1.1 1946 3.1 1923 1.9 1935 2.1 1947 2.7 1924 1.3 1936 1.5 1948 2.0 1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1933 .	. 1.7	1945	2.3
1923 1.9 1935 2.1 1947 2.7 1924 1.3 1936 1.5 1948 2.0 1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1934	. 1.1	1946	3.1
1924 1.3 1936 1.5 1948 2.0 1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1935 .	. 2.1	1947	2.7
1925 0.9 1937 1.7 1949 2.4 1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1936 .	. 1.5	1948	
1926 1.3 1938 2.0 1950 2.4 1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1937 .	. 1.7	1949	2.4
1927 1.6 1939 2.3 1951 2.5 1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9		1938 .	. 2.0	1950	2.4
1928 1.4 1940 1.7 1952 2.7 1929 1.6 1941 1.7 1953 2.3 1930 1.9 1942 3.8 1954 2.9				1951	2.5
1929 . 1.6 1941 . 1.7 1953 . 2.3 1930 . 1.9 1942 . 3.8 1954 . 2.9				1952	2.7
1930 1.9 1942 3.8 1954 . 2.9		_	1.7	1953	2.3
			3.8	1954	. 2.9
		_			

TUBERCULOSIS — Particulars of cases notified and deaths occurring during the year 1954 are given below:

		New Cases				Dear		
	Resp	iratory	Non-Re	spiratory	Respira	tory No	n-Respir	ratory
Ages in Years	M.	F.	M.	F.	M.	F.	M.	F.
0-1		_	-	-	-	_	_	_
1-5.	_	_	-	_		****	_	-
5–15	1	-	-	3	-		_	-80
15–25	2	_	_	_	1	er mile	_	-
25–35	1	1		_	-	_	_	_
35-45	4		_	-	-	-	1	
45-55		_	_		-	-		
55-65	1	-	-		-		• -	-
65 upwards	1	-	-	-		i		
TOTALS .	10	1	-	3	-	1.	1	

New cases 14 Deaths 2
Notifications and deaths from Tuberculosis since 1939:

TOTILICATIONS	CALL	Cicatio	AA OIII	1 400	TOUTOUR DELICO	, . ,
Year					New cases	Deaths
1939 .					. 10	5
1940 .					. 16	9
1941 .					. 8	4
1942 .					. 18	5
1943 .	·	Ť			. 18	6
1944 .	•	•	•	•	. 19	2
1945 .	•	•	•	•	10	5
1946 .		•	•	•	16	5
1940 .	•	•	•	•	. 11	7
		•	•	•	7	9
1948 .	•	•	•	•	. 14	13
1949 .		•		•		
1950 .					. 10	10
1951 .					. 6	9
1952 .				•	. 9	7
1953 .					. 13	5
1954 .					. 14	2

The following figures give the number of cases on the Register at the end of 1954:

Respiratory Male . Respiratory Female	66 46	Non-Respiratory Non-Respiratory	8
	112		22
TOTAL	CASES	134	_

The 134 cases of Tuberculosis were notified as follows:-

			Res	piratory	Non-Re	spiratory	Totals
Age Groups in	Years		Л.	F.	M.	F.	
1 5				1	2	1	4
5–15			3	6	2	3	14
15-25		. 1	4	11	2		27
25–35		. 1	5	19	***	4	38
35–45	•	. 1	8	5	_	2	25
45–55			5	3		2	10
55-65 .			5	-	1	2	8
65 upwards			6	1	1	-	8
		6	56	46	8	14	134

FOOD POISONING OUTBREAKS

Total number of out- breaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks attributable to each	Foods involved with number of outbreaks associated with each food
1	50	Nil	Not known	

BACTERIOLOGICAL EXAMINATIONS OF FOOD, ETC.

(a)	Milk
-----	------

Tuberculin Tested . 6 5 were satisfactory but I sample failed to pass the Methylene Blue Test.

Sterilised . . . 10 Satisfactory.
Pasteurised . . . 17 Satisfactory.
Pasteurised T.T. . . 15 Satisfactory.

1 sample of Milk for Biological Examination proved satisfactory.

(b) Ice Cream

		Grade	Grade	Grade	Grade
		I	П	Ш	IV
41		28	2	11	

(c) Other Foods

Food			Satisfactory	Unsatisfactory
Lollies			11	
Mineral Waters			13	
Beer			4	
Cream Cakes.		•	7	17
Cream		•	4	2
Jam			1	~
Beef Sausages	•	•	***************************************	1
Sausage Meat		•		î
Minced Beef.	•	•	Westerphone	2
Pressed Meat.		•		ĩ
Sausage Rolls		•	2	

Pork Sausages Pork Pies Polony .	· · · · · · · · · · · · · · · · · · ·		Satisfactory 1 - 3 1	Unsatisfoctory 2 2 2 2 2
ITaglet			1	
	То	tals	48	32

The Table below sets out the Bacteriologist's Report on the samples of Meat products referred to above.

No.	INFORMATION AS TO SAMPLE	REP	REMARKS	
		Colony Count per Gramme	Pathogens Found	
1	Brawn In small metal mould taken from Shop Refrigerator	90 Million	None	
2	— ditto —	30 Million	None	Paracolon Bacillus Isolated
3	Pork Pies Unwrapped — made outside district — delivered on day of sampling	Less than 1,000	None	
4	Unwrapped — from Shop window	200,000	None	
5	Wrapped — direct from delivery van— made outside the district	15,000	None	
U	Unwrapped — from Shop window—made outside district — received and made	10 Million	None	
7	day of sampling Wrapped — from open stall on fore- court—made outside the district	160	None	
8	Sausage Meat Unprotected— from Shop window	Not Counted	None	Profuse mixed growth including Coliform Bacilli
9	Sausage Rolls Unprotected — from Shop window	10,000	None	Micrococci Enterococci and Aerobic Spore Bearers present

1	No. INFORMATION	R	EPORT	REMARKS
	AS TO SAMPLE	Colony Count per Gramme	Pathogens Found	
10	Meat Pies Unwrapped — from Shop—made on the premises 2 days earlier	500,000	None	
11	Wrapped — made outside the district —received 3 days	2 Million	None	
12	earlier Wrapped — made outside the district —-received 3 days earlier	100,000	None	
13	Haslet Unprotected—taken from shop window	10,000	None	
14	Pressed Meat Unprotected—taken from Shop window	95,000	Coag positive staphylococci isolated	Faecal Coli also found
15	Polony Unwrapped—partly used—taken from window display	150,000	Not Found	
16	Pork Sausages From window display	Not counted	Profuse mixed growth including B Proteus	Coliform bacilli and
17	From window display	Not counted	Micrococci Coagulase positive staphylococci isolated	Profuse mixed bacterial growth obtained
18	Beef Sausages From window display	Not counted	Profuse mixed growth including B Proteus Micrococci	Coliform bacilli and many moulds
19	Minced Beef From window display	Not counted	Coagulase positive staphylococci isolated	Profuse mixed bacterial growths
20	From window display	Not counted	— ditto — Salmonella Cerro isolated	— ditto —

The Bacteriologist's reports on these articles of food are indicative of unsatisfactory methods of production, distribution, handling and exposure for sale of many of them. The high bacterial counts and the presence of the different types of organisms constitute danger to the consumers particularly if the article does not need to be thoroughly cooked before being eaten. The reports on the unprotected articles are, generally speaking, worse than those which had been wrapped. In my view it is unfortunate that the regulations governing food for human consumption do not enable the Local Authority to insist on wrapping of ready to eat foods at the place of manufacture. The reports also serve to emphasise the need for scrupulous attention to personal hygiene on the part of all food handlers.

A copy of the Bacteriologist's report was sent to the Local Authority concerned in respect of articles manufactured outside the Council's district. The food handlers at the shops were instructed by the Sanitary Inspectors in the matters of personal hygiene, and protection of foodstuff pending sale to the public.

An attempt was made, unfortunately without success, to persuade one trader to institute a system of wrapping at his factory.

The reports on the samples of Artificial Cream Cakes and Artificial Cream are tabulated below:—

REPORT								
No. Article	Colony Count per Gramme	Pathogenic Organisms Found	Other Organisms					
Cream cakes— unwrapped—taken from bakery	85,000	Coagulase positive staphylococci isolated						
2 Cream cakes—made outside district — wrapped—delivered day before sampling	1,000	None	None					
3 Cream cakes— unwrapped — made outside district — —delivered day of sampling	10,000	None	None					
4 Cream cakes — unwrapped—taken from producer's premises	180,000	None	Faecal Coli found					

			D	Other
No.	Article	Colony Count per Gramme	Pathogenic Organisms Found	Organisms
5	Cream cakes — unwrapped — taken from bakery	5,000,000	None	None
6	Artificial cream — taken from bakery	1,000	None	None
7	Artificial cream — taken from bakery	10,000,000	None	None
8	Artificial cream — taken from bakery	7,500,000	None	None
9	Artificial cream — taken from bakery — newly opened tin	300	None	None
10	Artificial cream — taken from bakery	200,000	None	None
11	Artificial cream — taken from bakery	8,500,000	None	None
12	Artificial cream — taken from newly opened tin at bakery	160	None	None
13	Artificial cream — taken from tin at bakery — opened 3 days earlier	1,500	Coagulase positive staphylococcus aureus isolated	
14	Artificial cream — taken from tin at bakery—opened day previous	160	None	None
15	Artificial cream — taken from bakery	5,000,000	None	None
16	Artificial cream — taken from bakery	750,000	None	None
17	Artificial cream — taken from bakery	160	None	None
18	Artificial cream cakes — taken from shop	2,100,000	None	None
19	Artificial cream cakes — taken from shop	60,000	Coagulase positive staphylococci found in large numbers	
20	Artificial cream cakes — taken from shop	18,000	None	None

No. Article	Colony Coun per Gramme	Pathogenic Organisms Found	Other Organisms
Artificial cream cakes — taken from shop 22 Cream cake — taker from cafe—cream made from sugar, butter, etc., on premises		None	None

Artificial cream is delivered to bakehouses in hermetically sealed tins free from bacteria, but can, after opening, become teening with germs within a matter of 24 hours or so, unless carefully handled in the bakehouse. Opened tins exposed to the usually prevailing dusty atmosphere of a bakehouse normally show high counts of non-pathogenic bacteria which could be avoided by replacing the lid after use and

keeping the dust down.

Contamination with disease bearing germs also readily takes place, and as all such cream is consumed in its raw state it is obvious that consumers may be at risk. Germs from septic skin conditions and the human bowel are, in this respect, the commonest recognisable bacterial contaminants, and arise as a result of ignorance, or carelessness, on the part of the staff. Disease bearing germs from various sites on the body are frequently found on the hands so it must be recognised that any contact between hands and the cream may be dangerous to others. It is, unfortunately, a common practice for cream to be spread on cakes by means of linen savoy bags which are squeezed by hand. This practice is dangerous, and should, in my opinion, be superceded by a safer method which eliminates this contact between hands and cream. Cream is often scooped out of tins by a not over clean saucer held in the hand, allowing germs on the hand and saucer to gain access to the contents of the tin. It would not be difficult or expensive to employ a long handled scoop for this purpose which could be kept safely in a chlorine solution when not in use. The partially used tin should be covered and stored in a refrigerator, thereby inhibiting bacterial growth.

Many of the above reports are not satisfactory due to faulty conditions and handling in the bakeries and shops. These facts serve to emphasise the need for scrupulous attention to hygiene in bakeries and shops on the part of both management and staff. The reports on the samples submitted also show that a satisfactory article can be produced and sold to the public in a satisfactory condition providing it is produced, wrapped, and exposed for sale under good hygienic conditions. It would appear that until detailed regulations governing the preparation for sale,

protection and exposure for sale of artificial cream products are promulgated, the public will continue to be at risk when consuming artificial

cream.

Samples numbered 5, 7, 8, 11, 15, 16, 18 and 21 were taken from the local bakeries where hygienic conditions were far from satisfactory. The occupiers of these bakeries have been interviewed and as a result, structural improvements have been effected and an improvement in

general cleanliness and hygienic techniques has been obtained.

This investigation also proved the benefits accruing from scrupulous attention to hygiene and wrapping of the cakes at the place of manufacture. Samples numbered 1 and 3 were produced at the place of sampling and had much higher counts than No. 2 sample which was produced outside the district but was wrapped at the place of manufacture probably under hygienic conditions of a high order. The investigation showed that Artificial Cream Cakes should not be sold later than 24 hours after manufacture unless wrapped at time of manufacture.

Bakers, Cafe Proprietors and Shopkeepers were advised accordingly.

MACHINE CLEANSED BOTTLES

Туре			Sets	Satisfactory	Unsatisfactory
Beer			6	3	3
Mineral Water			1	1	
Soda Syphon			1	1	gram-ribata
Milk			10	8	2
			-		entire tives
	T	otal	18	13	5

The bottles shewing high counts were taken early in the year. Regular and frequent attention to the cleansing and sterilisation of tanks. maintenance of the correct strength of detergent and correct temperature and pressure of the water resulted in subsequent tests showing excellent results.

The Mineral Water Bottles and Soda Syphon were taken in conjunction with an investigation of the bacteriological quality of well water used in connection with the bottle washing machine at a local Mineral Water Factory.

CLEAN FOOD CAMPAIGN

Advice and instruction on hygiene techniques are given to food

handlers in the course of routine inspections.

Improvements of structures and equipment have been obtained at a number of food premises. The occupier of one Cafe Kitchen had we be warned by the Council during the year that unless a marked improvement was maintained in the cleanliness of his premises the Council would institute proceedings in the Court. Satisfactory conditions have

existed on all subsequent visits.

The wide variety of samples submitted for bacteriological examination coupled with the 'follow up' visits and the number of routine inspections made of food premises shows that this important branch of Public Health work is receiving a good deal of attention.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

1. Water Supplies

The Tendring Hundred Waterworks Company supplies approximately 75 per cent of the town's water entirely from their deep bore at Dedham. The remainder is derived from the Council's own shallow wells at Great Bentley and St. Osyth which operate during the summer months only.

	1952	Gallons 1953	1954
Tendring Hundred Waterworks Co	317,322,000	316,457.000	316,495,000
	62,973,000	53,592,000	67,945,000
	5,106,000	4,961,000	10,455,000
	385,401,000	375,010,000	394,895,000

Bacteriological examinations made of the raw water before it passes into the distribution mains have proved satisfactory, and as an additional precautionary measure, the water supplied from the various sources is chlorinated.

2. Water Analysis and Examination

Samples were taken during the year with results as shown below:—

	C.U.D.C. Supply				Private Sources			
Examination	Very Satis- factory	Satis- factory	Susp- icious	Unsatis- factory	Very Satis- factory	Satis- factory	Susp- icious	Unsatis- factory
Bacteriological	31	19		2	_		1	10
Chemical		4	_	_	_	2	_	

The unsatisfactory samples taken from the Council's supply were obtained from houses in the Great Clacton district and were attributed to disturbance of the water mains in that vicinity during mains extensions, as repeat samples taken after the work was completed and a thorough flushing of the mains had been carried out, were classed as Very Satisfactory.

The eleven suspicious and unsatisfactory private samples were

obtained from four sources:-

(a) Four from a water course serving a water cress bed; the water cress was being sold for human consumption. The owner destroyed the water cress bed.

(b) One from a shallow well providing water supply to a house within the area of the Tendring Rural District. The Tendring Rural District

Council were informed of the unsatisfactory report.

(c) One from a shallow well serving a dwelling in the Burrsville Estate. The owner has been contacted and is arranging for a connection to be made to the Council's main and for the closure of the well.

(d) Five from a shallow well providing water for a bottle washing machine at a local Mineral Water Factory.

The Company is investigating the question and will either repair the

well or close it and use Town's water instead.

3. Chemical Analysis. See previous report.

4. 10,569 premises in the Urban District receive a supply of piped water. Approximately 20 properties, excluding Jaywick, are supplied by means of standpipes.

The summer population is approximately 75,000.

SANITARY ADMINISTRATION

The following is a synopsis of the principal work carried out by the Sanitary Inspectors during 1954: 956 Revisits
Interviews with Owners, Builders, etc.
Infectious Disease Investigations
Shops Act Inspections
Food Premises Inspections
Visits re Unfit Food
Camping Site Inspections
Water Samples from Domestic Supplies
Water Samples from Private Supplies
Water Samples from Swimming Pools
Milk Samples
Ice Cream Samples 3,320 811 36 . 110 710 109 284 50 13 12 49 41 Samples of Food and Drink for Bact. Examination 80 Scts of Bottles submitted for Bact. Examination 18 Damage by Pests Act Inspections
Piggery Inspections
Stable Inspections
Inspections re Keeping of Animals and Poultry 621 33 7 29 Refuse Collection and Disposal Visits
Hairdressers' Premises Inspections
Smoke Observations
Cinema Inspections
Inspections at Licensed Victuallers' Premises 1,129 12 7 15 16

Inspections at Power Factories Inspections at Non-Power Factories Inspections at Outworkers' Premises Inspections at Offices Inspections of Hawkers' Stores and Vehicles Inspections at Pet Animal Shops Visits—National Assistance Act, 1948, and (Amer	adment)	81 8 2 2 25 5
Act, 1951 (Aged Persons)		62
7	TOTAL	8,653
Preliminary Notices	 	747 778 65 61 871
Drainage—Burrsville Park Estate		21
Premises redrained and connected to sewer Cesspools abolished		21
Castle Hill, London Road Premises redrained and connected to sewer Cesspools abolished		8 8
Hillcrest and Craigfield Avenue Premises redrained and connected to sewer		1
Cesspool abolished	ained:	I
Houses		0
Dirty		8 7
Verminous	• •	10
Damp	•	7
Defective pointing of external walls		7
Defective brickwork of external walls		19
Defective roofs .		8
Defective chimney stacks		30
Defective plaster of walls and ceilings		16
Defective floors		22
Want of ventilation		1
Defective fireplaces (including mantels)		19
Defective doorsteps		5
Defective doors or door frames .		0
Defective stairs	•	6 2 5
Want of or defective skirting boards. Water supply cut off or insufficient.		15
	d forward	187

			Brought	forwa	ard	187
	Other defects					15
Dr	ainage					
DI	Want of drainage					2
	Defective drainage					15
	Stopped drains	•		Ť		95
	Defeative sink wests nine atc	•	•	•	•	16
	Defective sink, waste pipe, etc.		• •	•	•	3
	Defective or want of rainwater pipes			•	•	1
	Rainwater pipes connected to drains	•	•	•	•	1
	Defective or want of eaves spouts		•	•	•	
	Cesspools abolished		•	•	•	30
	Properties drained to sewer .	•		•		30
	Other defects	•			•	72
Clo	sets					
	Pail closets defective (repaired) .			•	•	2
	Pail closets defective (converted to V	V.Cs)				2
	Insufficient closet accommodation				•	1
	Structures defective					10
	Fittings defective					4
	Want of water supply to closet cistern					3
						12
	Defeating Quality and a second					22
	Dirty closets					7
	Other defects	·	•	•	•	í
Pav		•	•	•	•	
	Yard, passage or paths defective .					2
	Yard, passage or paths unpaved .	٠	•	٠	•	1
	Odlar Jafari			•	•	1
Oth	er Nuisances	•	•	•	,	1
Oth	Accumulations					25
	Animals so kept	•	•	•	•	35
	Other outside defects	•	•		•	2
Bin			•	•	•	17
DIII	Defective or insufficient					
Foo	d Premises	•	•	•		385
rou						
	Want of washing facilities		•			5
	Want of cleanliness	٠			•	8
	Want of ventilation					3
	Want of lighting				•	1
	Condition of floors			٠		3
	Condition of walls					1
	Condition of ceilings					2.
	Defects in drainage					2 2 2 5
	Unsuitable fittings and equipment					2
	Want of hot water	·	•		•	5
	Other defects	•	•	•	•	15
	24	•	•			
	24			Cd. t	wd. 1	024

				Br	rough	t forw	vard	1024
-	accommodation			•				145
Miscellaneous								1.177
	TOTAL	•	•	•	•			1,17

Drainage and Sewerage

Sewerage schemes completed or commenced during the year by the Highways Department are as follows:-

London Road Area

Castle Hill—a further 340 lineal yards of 9" diameter foul sewer and 23 lineal yards of 6" diameter foul sewer were laid to complete this sewer extension. The extension comprises 390 lineal yards of 9" and 23 lineal yards of 6" foul sewer a total of 413 lineal yards. The work was carried out by contract for the Council.

The drainage systems of 7 dwelling houses and one caravan camp have been connected to this sewer extension. The owners of other pre-

mises are to have their premises connected during 1955.

The serious nuisances which existed in the water courses adjoining the properties and the highway no longer exist owing to the abolition of the cesspools and the provision of drainage systems connected to the sewer at the houses and camp referred to above.

Great Clacton

Hillcrest—170 lineal yards of 6" diameter foul sewer.

Craigfield Avenue—80 lineal yards of 6" diameter foul sewer. 78 lineal yards of 9" diameter foul sewer.

This work has been carried out by direct labour under the Private Street Works Act, 1892; the scheme has not yet been completed, and

work is still proceeding.

When the dwellings in these streets can be connected to the new sewer, the owners will be contacted with a view to the abolition of the cesspools and provision of drainage systems connecting with the sewer. Holland-on-Sea

Crown Road—92 lineal yards of 12" diameter foul sewer.

Park Boulevard—243 lineal yards of 6" diameter foul sewer. These sewers were laid by Private Estate Owners in connection with proposed building development.

Infectious Diseases

22 cases of Scarlet Fever investigated.

2 cases of Suspected Scarlet Fever investigated.

7 cases of Poliomyelitis investigated.

1 case of Dysentery investigated.
1 case of Suspected Typhoid investigated. I case of Suspected Meningitis investigated.

2 cases of Suspected Food Poisoning investigated. 29 other visits to premises in connection with Infectious Diseases.

47 rooms, bedding, etc., disinfected.

14 quantities of bedding, etc., steam disinfected.

Shops Act, 1950

Consequent upon the publication of the Registrar General's population figures early in the year, the Council became the Local Authority for their district charged with enforcing all requirements of the Shops Act, 1950, and the Young Persons (Employment) Act, 1938.

The Sanitary Inspectors have been appointed Inspectors for the

purposes of these Acts.

35 library books disinfected.

The additional work and responsibility imposed upon them is considerable.

Orders in force in the Council's District are as follows:

1. 4. 1913 Order fixing Weekly Half Holiday.

7. 10. 1913 Order Extending Provisions of Section 4 (6) of the Shops Act, 1912, to the Retail Trade or Business of Butcher.

5. 5. 1914 Closing Order relating to Shops of Specified Classes.

18. 5. 1937 Closing Order relating to the sale of Tobacco and Smokers' requisites.

The Council also made the following orders operative during the

summer months:

(1) Suspension of the obligation to close on the weekly half holiday during the months of June, July, August and September.

(2) Extending the Closing Hour for all shops to 10.0 p.m. during

the months of June, July, August and September.

(3) Authorising the sale of the goods listed in the Seventh Schedule on the Eighteen Sundays specified in the Order.

110 Inspections were made and the requirements of the Acts were explained where necessary. 11 Sanitary defects were found and dealt with.

Rag Flock Act, 1951

There are no manufacturers of Rag Flock within the Urban District and the only bedding manufacturer has removed to other premises outside the area.

1 visit was made to the premises during the year.

Bathing Pools

The two Bathing Pools in the Urban District are maintained in good condition as respects both the bacteriological condition of the water and maintenance of sanitary conveniences. The seating accommodation at the Clacton Pier Pool is to be improved and increased prior to the 1955

season.

12 Samples of water were submitted for bacteriological examination; all were satisfactory.

23 Residual Chlorine Tests were carried out—20 were satisfactory and 3 unsatisfactory.

Caravans and Camping Sites

There are 15 licensed camping grounds in the district.

In addition, licences were issued in respect of 6 individual moveable dwellings.

284 inspections were made of camping sites and moveable dwellings.

All the camping and caravan sites were conducted satisfactorily and a high standard of cleanliness continues to be maintained. No instances of non-adherence to the conditions appertaining to licences were observed. The occupier of one unlicensed camping site was successfully prosecuted by the Council for having used his site in contravention of an Enforcement Notice served pursuant to the Town and Country Planning Act.

An application for a licence to station and use a caravan was refused by the Council and the applicant appealed to the Magistrates' Court. The appeal was dismissed.

All the camps except two are provided with water closets and water carriage drainage systems. Negotiations are proceeding with a view to one of these two being provided with water closets in lieu of pail closets, and a drainage system connected to the sewer during 1955. There is no sewer available to the other camp.

The number of moveable dwellings permitted on the sites varies from 40 down to 7.5 per acre. Only one site has a density of over 30 and the average is 20 per acre.

Sanitary improvements carried out at licensed sites during the year include the following:--

HIGHFIELD CAMP

This camp has been provided with a drainage system connecting to the sewer. New water closets and waste water disposal points have been constructed with drains connecting to the new system. Use of chemical closets has ceased. Sanitary conditions at this camp are now excellent.

ROSEBANK CAMP

The drainage system of this camp formerly discharged into cesspools, leakage from which caused a nuisance in the adjoining ditch. The system has been reconstructed and now discharges into the Castle Hill sewer and as a result the nuisance occurring in the ditch is now abated.

	Moveable	e Dwellings	Permitted
Licensed Camping Sites	Caravans		Tents
Sacketts Grove, Jaywick Lane	105	6 0	_
Chester Camp, Jaywick Lane	27	18	
Rosebank, London Road	33	17	
Highfields, London Road	300		
Ferndale Farm, London Road	30		
Castle Hill, London Road	130		
Highlands, Thorpe Road	179	1	20
Valley Farm, Valley Road	891	9	100
Lilley Farm, Holland Road.	15		
Oakwood Hall, Holland Main Road		Ū	
106b Burrs Road	4	_	
Brookers Farm, London Road	17	3	
Nansen Road, Holland-on-Sea	76	name to the same t	6
Ace Garage, Old Road	2		
Martello Tower 3, Jaywick	65		
TOTALS	1,874	114	126

There were also 3 unlicensed camps which operated for 6 weeks only during the height of the season.

Prevention of Damage by Pests Act, 1949

621 Visits by Sanitary Inspectors. 4,946 Visits by the Rodent Operators.

The Table hereunder sets out the number and types of premises

inspected, etc., during the year ended 31st March, 1955.

	Business	All Other	Total
	Premises	Premises	
Properties in the Area	1,155	9,427	
Properties in which infestation was noti-			354
fied by the occupiers	50	304	
Properties in which infestation was other-			202
wise discovered	22	180	
Major infestations by rats		7	7
Minor infestations	53	427	480
Minor infestations by mice only	18	464	51
Infested premises treated	69	33	533

Private dwellings are treated free of charge but occupiers of business premises are required to meet the full cost of the operator's time and materials used.

The Table shows that a high percentage of the operator's time is spent

in dealing with minor infestations of dwellinghouses.

In those instances where the infestation was found to be caused by structural or drainage defects, action was taken to obtain the execution of the work required by the person responsible.

The Council's sewers were treated twice during the year and although they do not appear to be heavily infested, there are certain parts of the district where rats have lived in the sewers for many years past. The twice yearly treatments carried out over the years have undoubtedly caused a decrease in the number of rats compared with the number living there before sewer baiting was commenced, but it appears certain that until a more effective method of treating sewers has been evolved, this seemingly irreducible 'hardcore' will remain.

Treatment of those sewers which are always infested reduces the rat population very considerably but natural increase during the next five months brings the population back to its original figure. The difficulties appear to be that a certain percentage of the rats do not take a lethal dose of the poison bait and that others rarely if ever visit the manholes at baiting or any other time. When this latter problem has been solved it should be possible to obtain a higher percentage of kills than is attained at present. Expert Scientists employed by the Ministry of Agriculture, Fisheries and Food, are investigating the problem. In view of the fact that damage by rats is estimated at £50 million per annum one hopes that their efforts will be brought to a successful conclusion soon.

For the treatment of business premises the sum of £55 was received.

The Council also undertook the treatment and clearance of a number of plots of land which were rat infested and overgrown. The cost of this work amounted to £103 which was recovered.

The cost of disinfestation work carried out on Sewers, Private Houses and Non-Trading Local Authority Departments is subject to 50% Grant Aid from the National Exchequer.

Eradication of Bed Bugs

Number of Infected Houses

Number	of intested House		
(a)	Council Houses		Nil
(b)	Other Houses .		4
(c)	Caravans .		3
Number	of Houses Disinfe	sted:	
(a)	Council Houses	•	Nil
(b)	Other Houses .		4
(c)	Caravans		3

The methods employed are stripping of skirtings, etc., where necessary, spraying with insecticide, fumigation, and steam disinfection of bedding.

FACTORIES ACT, 1937 and 1948 PART 1 OF THE ACT

1—Inspections for purposes of provisions as to health

part of the same o				Number of	
Premises	M/c line No.	Number on Register	Inspections	Written notices	Occupiers prosecuted
(1)	(2)	(3)	(4)	(5)	(6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities (ii) Factories not included in (1) in which Section 7 is enforced by the Local Authority (iii) Other Premises in which Section 7 is enforced by the Local Authority (eyeluding	2	123	8	3	
Authority (excluding out-worker's premises)	3		_	_	
TOTAL		156	89	3	_

2—Cases in which defects were found
(Defects discovered at premises on two, three or more separate occasions have been reckoned as two, three or more "cases".)

No. of cases in which Number of									
			No. of cases in which defects were found						
Particulars	M/c line No.	Found	Reme- died	Refe To H.M. Inspector		which prosecu- tions were instituted			
(1)	(2)	(3)	(4)	(5)	(6)	(7)			
Want of Cleanliness (S.1) Overcrowding (S 2) Unreasonable	4 5	_	4	_	_	_			
temperature (S.3) Inadequate ventilation (S.4) Ineffective drainage of	6 7	_		_	_	=			
floors (S.6) Sanitary Conveniences (S.7) (a) Insufficient	8	-	_	_	_				
(b) Unsuitable or defective(c) Not separate for sexes		2	4	=		=			
Other offences against the Act (not including offences relating to Outwork)	12	13	21	_	_	_			
TOTAL	60	16	30		_	_			

30

Section 34. Means of Escape in Case of Fire

Two certificates were issued during the year.

H.M. Inspector of Factories and I examined the premises together and had the benefit of the advice of the Essex County Fire Officer as to the means of escape required in each case.

PART VIII OF THE ACT OUTWORK (Sections 110 and 111)

		Section 110			
Nature of Work	M/c line No.	No. of outworkers in August list required by Section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	
(1)	(2)	(3)	(4)	(5)	
Wearing Apparel: Making etc, Artificial flowers	13 28	35			
TOTAL	70	36		_	

2 Inspections at Outworker's premises.

HOUSING

I—Inspection of Dwelling Houses During the Year 1954: (1) (a) Total number of dwelling houses inspected for housing defects under Public Health and Housing	
Acts	735
(b) Number of inspections made for the purpose .	3,570
(2) (a) Number of dwelling houses (included in (1) above)	
which were inspected and recorded under the	14
Housing Consolidated Regulations, 1925 and 1932	20
(b) Number of inspections made for the purpose.	20
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for	
human habitation	8
(4) Number of dwelling houses (exclusive of those under	
(3)) found not to be in all respects fit for habitation	600
(5) Number of dwelling houses inspected for Overcrowd-	
ing or Permitted Numbers	15
II—Remedy of Defects Without Service of Formal Notices:	
Number of defective dwelling houses rendered nt in	
consequence of informal action by the Local Authority	626
or their officers	020

III—Action Under Statutory Powers:	
(a) Proceedings under Housing Act, 1936, Secs. 9, 10, & 16:	
(1) Number of dwelling houses in respect of which	
notices were served requiring repairs	1
(2) Number of dwelling houses rendered fit after	
service of formal notices:	Nil
(a) By owners	Nil
(b) Proceedings under Public Health Acts:	
(1) Number of dwelling houses in respect of which	
notices were served requiring defects to be	50
remedied	58
(2) Number of dwelling houses in which defects were	
remedied after service of formal notices: (a) By owners	46
(b) By Local Authority in default of owners .	7
(c) Proceedings under Housing Act, 1936, Secs. 11 and 13:	
(1) Number of dwelling houses in respect of which	
demolition orders were made	7
(2) Number of dwelling houses demolished	4
Number of dwelling houses voluntarily demolished	1
(3) Undertakings not to re-let for Human Habitation	3
(4) Number of dwelling houses vacated	1
(d) Proceedings under Housing Act, 1936, Sec. 12:	
(1) Number of separate tenements or underground rooms in respect of which closing orders were made	Nil
(2) Number of separate tenements or underground	1.413
rooms in respect of which closing orders were	
determined, the tenement or room being rendered	
fit	Nil
V—Housing Renairs and Rents Act 1054.	

IV—Housing Repairs and Rents Act, 1954:

Three applications for Certificates of Disrepair were received and a Certificate was issued by the Council in each case.

The survey required by Section I of this Act to ascertain the number of unfit houses has been carried out, and a report thereon will be submitted to the appropriate Committees of the Council in the near future. The Council's proposals have to be forwarded to the Minister of Housing and Local Government before the 1st August, 1955. The number of houses proposed to be dealt with is not large and it is hoped, therefore, that the Council will be able to deal with them and re-house the occupants within the five year period.

	Privat the C	e En	terpri	se	•	Duri		1954		160 50
Y2 . 1 1		سئد اد	16	146.						
Total house		ed sir	ice is	740 ;						0
19					•	•	•	•	•	9
19	47									52
19	48									109
19	-									56
19		•	•	•		•				37
		*	*	•	•	•	•	•	•	35
19			•	•		•	•	•	•	
19	52							•	•	87
19	53					•				149
19	54									210
• /										-
							,	TOTA	L	744

Inspection and Supervision of Food

The following list shows the number of premises at which food for human consumption is sold or prepared and the number of visits paid to them:—

LICIA	•							245
	Cafes and Restaura				•	,	•	245
	School Canteens						٠	1
22	Butchers' Shops							60
	Fish Friers .							40
	Wet Fish Shops							33
10	Bread and Cake Sh	ops		*	•		•	20
46	General Grocers							30
24	Greengrocers .							10
1	Slaughterhouse							44
35	Hawkers .							18
	Ice Cream Manufac							14
1	Iced Lolly Manufac	cture	Γ.					3
	Ice Cream Vendor							110
16	Bakehouses .					•	•	70
5	Dairies							30
40	Milkshops .					•		45
						TOT	AL	773

Registration of Food Preparing Premises

The number of premises registered pursuant to Section 14 of the Food and Drugs Act is as follows:—

Sausage Meat, Pressed,	Pickl	ed	and	Preser	ved	Meat	25
Sale of Ice Cream							203
Manufacture of Ice Cre	eam						3
Manufacture of Iced L	ollies	٠				•	1
Storage of Ice Cream			•				3

Food and Drugs Authority

The Council is not the Food and Drugs Authority for their district.

Inspection of Meat and Other Foods

There is only one licensed Slaughterhouse which is privately owned and is used to a limited extent only.

Structural repairs and improvements have been carried out at this Slaughterhouse and a sink and hot and cold water have been provided.

The following list gives details of the diseased or unsound meat and other foods found unfit for human consumption. They were surrendered voluntarily and destroyed or used for animal feeding.

Unsound food dealt with by the Council is disposed of at the

Controlled Tip.

itrol	led Tip.	
3	tins of Gammon	22 tins of Pears
11	tins of Steak	23 tins of Oranges
9	tins of Beef	21 tins of Apricots
59	tins of Luncheon Meat	33 tins of Pineapple
7	tins of Beef Loaf	2 tins of Greengages
5	tins of Veal	3 tins of Blackcurrants
2	tins of Jellied Veal	3 tins of Bilberries
	tins of Corned Beef	1 tin of Blackberries
1	tin of Chicken	5 tins of Bananas
	tin of Sausages	10 tins of Grapefruit
22	tins of Ham	1 tin of Damsons
	tins of Pork	3 tins of Orange Juice
	tins of Tongue	3 tins of Fruit Salad
	tin of Meat Paste	7 tins of Jam
	tin of Anchovy Paste	5 tins of Marmalade
	tin of Salmon	1 tin of Syrup
	tins of Crab	1 bot. of Ketchup
	tins of Pilchards	2 lbs. of Gammon
	tin of Herrings	$25\frac{1}{2}$ lbs. of Pork
	tin of Crawfish	60 lbs. of Rabbits
	tins of Sardines	4½ lbs. of Luncheon Meat
	tins of Milk	65 lbs. of Sausages
	tins of Cream	140 lbs. of Beef
3	tins of Milk Pudding	7 lbs. of Corned Beef
1	tin of Pease Pudding	20 lbs. of Ham
	tin of Irish Stew	98½ lbs. of Bacon
15	tins of Soup	42 lbs. of Prawns

46 tins of Beans 115 tins of Peas 9 tins of Cherries 1 tin of Spinach 3 tine of Beetroot

3 tins of Mixed Vegetables

59 tins of Tomatoes 1 tin of Macedoine 6 tins of Gooseberries 27 tins of Plums

18 tins of Peaches 3 tins of Apples

26 tins of Fruit 1 tin of Strawberries

9 tins of Carrots

54 Punnets of Strawberries

17 lbs. of Haddock

70 lbs. of Kippers 41 lbs. of Cheese

12 lbs. of Cake 3 lbs. of Figs

12 lbs. of Prunes

1 pkt. of Grapenuts 1 pkt. of Quaker Oats

11 pkts. of Biscuits

1 pkt. of Pastry 110 Chocolate Wafers

1 gallon of Cream

3 Boxes of Jellies

1 box of Cod

2½ stone of Fish 5 stone of Mackerel

1 carcase of Pork (174 lbs.)

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known) Number Inspected	33 33			139 139	144
Diseases except Tuberculosis: Whole carcases condemned		_	_	_	4
Carcases of which some part or organ was condemned	5	_	-	1	2
spected affected with disease other than Tuberculosis	15.15			0.72	4.17
Tuberculosis only: Whole carcases condemned		-	_	_	-
Carcases of which some part or organ was condemned	_	-	-	_	1
Percentage of the number inspected affected with Tuber-culosis		_			0.69

335 lbs. Diseases except Tuberculosis—Weight Condemned ! lb. Tuberculosis-Weight Condemned

Ministry of Food Fatstock Guarantee Scheme

7 Pig Carcases certified.

Milk Supply

The milk supply for the Urban District is obtained from three Dairy Companies in the area and one Dairy man whose premises are situated in the Tendring Rural District.

Milk (Special Designations) Regulations, 1949

The following table	sets out	the nur	nber of	Registr	ations	and
Licences in force.					-	
Dairies					3	
Distributors of Milk					40	
Dealers' Licences auth	orising the	e use of	Special	Designa	tions:	
Pasteurised .					5	
Pasteurised and S	Sterilised				22	
Sterilised					13	
Tuberculin Tested	1				13	
Dealer's Supplementar	y Licence	authori	ising the	use of		
Special Desig						
Pasteurised and S	terilised				1	

Ice Cream

There are 3 Manufacturers and 203 Vendors operating in the Urban District.

Results of sampling and inspections of the premises indicate that the Regulations are being observed.

Bakehouses

There are 16 Bakehouses in the Urban District. None of them is an Underground Bakehouse.

70 Inspections were made during the year.

16 Defects were found and dealt with.

The condition of some of the older bakehouses has been further improved during the year, one having been brought up to a very good standard.

One of the oldest bakehouses in the district was found to be in an

unsatisfactory condition on several occasions.

The Council gave instructions for a letter of warning to be sent to the occupier. Conditions have been maintained at a satisfactory level since.

FOOD AND DRUGS ACT, 1938

Particulars of samples taken under the above Act in the Clacton Urban District by the Weights and Measures Department of the Essex County Council during 1954:—

	0	~~~.	•		
Articles Sample	ed			No. of Samples	No. Adulterated or below Standard
Beef Suet Refined Sl	red	ded w	ith		
Flour Dusting				1	-
Best Butter Drops				1	terroma.
Black Pudding .				1	-
Broth, Scotch .				1	_
Butter Brazils .				1	
Buttered Almonds				1	- Charles

	No. of	No. Adulterated
Article Sampled	Samples	or below Standard
Butterscotch Flavoured	1	
Cake Decorations—Violets .	1	mile accounts
Chocolate Vermicelli	i	Mountain
Cream (Clotted)	1	1
Dessert Sweet	1	-trade-tile
Dripping	1	
Eggs	2	2
Fat, All Vegetable	1	
Fat, Compound	I t	Miles Miles
Fat, Cooking	I 1	
Fat Domestic Cooking	1	_
Glucose D	1	
Glucose (Dextrose Monohydrate)	1	-
Haslet	1	
Herring Fillet, Spiced & Smoked	1	
Lard, Home Rendered	1	
Lard, Pure	1	
Margarine	5	-
Margarine, Blended with 10%		
Pure Rutter	1	
Pure Butter	1	
Margarine, Contains 10% Pure		
Butter	1	
Margarine, Kosher	1	
Meat, Lunch	1	
Meat Paste	1	
Mixed Cut Peel	1	
Mixed Fruit	1	
Milk	13	
Pie Filling, Lemon Flavour	1	
Pilchards in Tomato.	1	
Potato Crisps with Salt	2	
Potato Powder	1	grypments.
Rice, Flaked	1	as ryumanika
Rice, Ready Cooked Creamed.	1	
Rum & Butter	1	
Saccharin, Standard Tablets .	1	
Sausage, Luncheon	1	
Sausage Meat, Pork	1	
Sausages, Beef	2	
Sausages, Pork	2	

Article Sampled	No. of Samples	No. Adulterated or below Standard
Sausages, Pork, containing Pre-		
servative · · ·		
Soup, Kidney	. 1	_
Sponge Mixture Sweetened	. 4	_
Sugar, Castor		_
Sugar Frosted Flakes .		_
Tapioca, Flake		
Tapioca, Seed Pearl.		
Tripe	4	
Vinegar		-
Wheat Munchies		_
Whole Wheat Cereal, Flavoured		
THOID THINGS COLORS, A TOURS		
TOTALS	. 87	3
TOTALO.		

Following a complaint that ducks' eggs had been received when hens' eggs had been expected and that clotted cream was of poor quality, enquiries were instituted.

A further purchase of eggs was made and again ducks' eggs were included in the eggs that were sold. On this occasion necessary information was refused by the vendor.

Proceedings were instituted against the seller in respect of the articles listed above as "adulterated or below Standard" and for failing to give information to a person acting in the execution of the Food and Drugs Act. Fines totalling £8 0s. 0d. with £9 10s, 0d. costs were imposed.

Collection of Domestic and Trade Refuse

Household refuse is collected not less frequently than once in seven days. Trade Refuse is collected as frequently as is required and agreed upon between the occupier and myself.

No effort is spared to ensure that the weekly visit to premises takes place at approximately the same time and on the same day of each week.

Some disturbance of the routine collection is unavoidable during Bank Holidays but this is reduced to a minimum by using an additional team and vehicles for as long as necessary before and after the Bank Holiday.

The amount of Trade Refuse being collected continues to increase as more requests are made for this service. Many business premises require 3 collections and a few require 5 collections per week.

The Table hereunder gives a comparison of the Cost of Refuse Collection for the years 1954 and 1955.

	YEAR ENDED
	March, 1954 March, 1955
	£ s. d. £ s. d.
Gross Cost	9.787 7 0 10,356 0 0
Gross Cost per ton	1 5 1.9 1 3 4
Income (Two-thirds Trade Refuse	
Income)	531 0 0 660 0 0
Net Cost	9,256 0 0 9,696 0 0
Net Cost per ton	1 4 6 1 1 10.2
Total Weight of Refuse Collected .	7.554 tons. 8,876 tons.

The increase in Gross Cost (5.81%) is due to wage awards to the workmen, increased cost of licences, fuel and plant and the additional time and labour involved in collecting Trade Refuse. The total Trade Refuse Income in 1954 was £708 whereas in 1955 it increased to £990 because the industries, shops, hotels, cafes and camping sites in the Urban District are asking for more frequent collections for which payment is

required.

The reduction in net cost per ton from £1 4s. 6d. in 1954 to £1 1s. 10.2d. in 1955 can be attributed in part to the increased income derived from Trade Refuse Collection and in part to the increased weight of refuse collected. The weight of refuse collected is calculated at frequent intervals from the information obtained by test weighings. All the loads carried by each vehicle are weighed during the whole of a chosen working week at least four times per annum and the weight collected during such weeks is used as the basis of calculation until the next test weighing is carried out. The test weighings are made at every major change of condition, i.e. Seasonal influx of visitors and change of climatic conditions.

The Tables issued annually by the Ministry of Housing and Local Government shew that unit cost (per 10n and per 1.000 premises) in respect of Clacton compare favourably with those of other seaside resorts

and all Urban Districts.

Seven vehicles are used in the collection of refuse as follows:-

	micros are used in the concentration of the	 	
		Fir	st Licenced
(1)	Dennis Moving Floor		31.7.36
	Dennis Moving Floor	•	30.8.38
(3)	Dennis Moving Floor		19.1.48
(4)	Dennis Vulture Front Loading.		1.7.54
(5)	Shelvoke & Drewry Moving Floor		1.3.49
(6)	Shelvoke & Drewry Moving Floor	•	1.6.50
(7)	Bedford General Purpose Lorry		1.7.48

The Dennis Vehicles purchased in 1936 and 1938 are in an unsatisfactory condition; furthermore the Department lacks a spare vehicle during the Summer months. It is imperative therefore for a new machine to be purchased in the not too distant future.

The other machines are in good condition.

Disposal of Refuse and Salvage

Five of the Refuse Collection Vehicles are provided with large capacity Trailers for the separation and carrying of Salvage. Their acquisition has proved a success as fewer complaints of non-separation and collection of salvage are received and because time is saved on the vehicles and at the Disposal Works. I am convinced that the increase from 312 to 430 tons of Waste Paper sold is due in a large degree to the use of the Trailers.

The Bristol Angledozer continues to give satisfactory service at

reasonable cost at the Disposal Works.

								1953/54	1954/55
Expenditure								£3,871	£4,895
Income						•		£3,305	£3,965
Net Cost								£566	£930
Gross Cost pe								9s. 9.6d.	10s. 7.3d.
Net Cost per								1s. 5d.	2s. 0.2d.
Total Weight	of Re	efuse	&	Salvage	di	sposed	of	7,900 tons	9,226 tons

The increase in Gross Expenditure is due to wage awards to workmen, adaptation of buildings for waste paper baling, and additional labour needed to collect and bale the increased tonnage of Salvage.

Salvage	195	3/54	19:	54/55	
Material.	Weight	Value	Weight	Value	
Metals Paper Other	66 Tons 312 Tons 46 Tons	£320 £2088 £631	46 Tons 436 Tons 19 Tons	£295 £2928 £412	
Totals	424 Tons	£3039	501 Tons	£3635	

SCAVENGING

Streets

Two Pedestrian Controlled Electric Vehicles are used for this work, each vehicle being operated in conjunction with 3 men. 2 other men also operate separately as street orderlies with handcarts. The number of men employed is increased to 12 or 13 in the Summer if possible.

Costs:

1053/54
1054/55

sts:		1953/54	1954/55
Streets		£4,725	£4,849
Promenades and Be	eaches .	£1,350	£1,259

Street Gullies

These are cleansed four times per annum by Messrs. Contract Gully Cleansing Ltd., of London. In view of the need for street watering and washing during the summer months and the need for an efficient and regular cesspool cleansing service to ratepayers at a reasonable cost, I hope that the Council will decide, in the near future, to purchase their own Gully/Cesspool Emptying Machine.

Costs:

1954/55 1953/54 £596 £626

PUBLIC CONVENIENCES

There are twenty-two public conveniences as undermentioned:

	Wa	ter	Urinal	Wa	
		sets	Accom.	Bas	
	M.	F.		M.	F.
	8	16	13 Stalls	9	4
West Avenue	6	9	8 Stalls	4	4
Jetty · · · ·	9	8	9 Stalls	8	4 5 3
Westcliff	5	10	8 Stalls	3	3
Anglefield	ر ت		3 Stalls	-	
Eastcliff	4-4	4	4 Stalls		
Magdalen Green	2	2	10 Stalls		1
Marine	2	3 7 2 3 2			
Ship	2	3	5 Stalls	4	4
Holiday Home	4	7	7 Stalls	+	7
Garden Road, Jaywick	2 2	2	5½' Plain		
Bus Park, Jaywick	2	3	8' Plain	,	1
Holland Recreation Ground .	2	2	6' Plain	1	1
Car Park, Old Road, Female		10			3
Car Park, Old Road, Male	3		24' Plain	2	_
Clacton Recreation Ground	2	4	5 Stalls		
Clacton Recreation Ground		3	10' Plain		
Brighton Road	2 2	3	10' Plain		
Lyndhurst Road	1	1	parell	1	1
Happy Valley Recreation Ground	1	15	_		5
Westcliff, Female	2	2	9' Plain		
Lion Point, Jaywick		12		3	4
High Street, Car Park	5 2	3	10' Plain		
Warwick Castle, Pier Avenue.			TO TIGHT	35	35
TOTALS	66	122		33	

399 Inspections at Public Conveniences.

The Warwick Castle Conveniences were completed early in the year

and have satisfied a need which existed in that part of the town.

The Council has obtained loan sanction for the new Ladies' and Gents' Conveniences which are to be erected on the Westcliff in replacement of the old and insanitary ones over the Tea Shops. This contract has been let and it is hoped that the new conveniences will be completed in time for the 1955 Summer season.

Every effort is made to maintain all the Conveniences in good repair and up to a high standard of cleanliness, but such efforts are frequently negatived by senseless vandalism and the abominable insanitary practices of a small minority.

Expenditure:

Kildhille.	1953/54	1954/55
Working Expenses	£ 6,850 1,543	£ 6,661 1,517
Income	8,393 5,568	8,178 5,939
Deficit charged to General Fund .	2,825	2,239



